



TXT8010

USER MANUAL

GETTING STARTED.....05

Package contents	06
Phone dimensions	06
Phone overview	07
Menu overview	09
Installing, Removing & Charging the battery	11
Install/Remove the microSD card.....	12
Turn the phone on/off	13
Using auto keypad lock function.....	13
Display icons	13
Entering text.....	14

CALLS & CONTACTS.....17

Making, Receiving & Ending a call.....	18
Caller ID	20
Call waiting function	20
Speakerphone.....	20
Vibrate mode on/off	20

Making an emergency call.....	20
Options during a call	21
Call setting.....	22
Checking the recent call list	23
Using contacts	25
Speed dialing.....	28
Voice commands (VR).....	28
Using your headset	31

MESSAGING.....33

Messaging	34
Create and send a new text message.....	34
Create and send a new picture message.....	35
Voicemail.....	36
Received message.....	37
Sent message	38
Draft message.....	39
Message templates.....	39

Message settings	40
Erase messages	41
MULTIMEDIA	43
Camera.....	44
Picture box.....	46
Sound box.....	47
MP3 box.....	48
USEFUL FEATURES.....	51
Voice commands.....	52
Alarm clock	52
Calendar.....	52
World clock, Notepad, Calculator, Stop Watch & Mass storage.....	53
SETTINGS.....	57
To set sound settings.....	58
Change the display.....	59

To set phone settings.....	60
Call settings	62
Memory.....	62
Phone info	63
CONNECTIVITY	65
Bluetooth.....	66
Using the internet.....	69
APPENDIX.....	71
12 Month limited warranty	72
Safety information for wireless handheld phones ...	73
Safety information for FCC RF exposure	76
SAR information	76
FDA consumer update	77
Emergency calls	81
Compliance with other FCC regulations.....	82
General safety	83
Antenna	83

Battery.....	83
Adapter/Charger.....	84
Recycle your cell phone!	85
Hearing aid compatibility (HAC) for wireless telecommunications devices.....	85
U.S.Federal Communications Commission radio frequency interference statement	87
FCC compliance information	87



Package contents
Phone dimensions
Phone overview
Menu overview
Charging the battery
Install/Remove the microSD card
Turn the phone on/off
Using auto keypad lock function
Display icons
Entering text

■ PACKAGE CONTENTS

This package should include all items pictured below.

If any are missing or different, immediately contact the retailer where you purchased the cellular telephone.



Phone



Standard Battery



User Guide



Travel Charger

■ PHONE DIMENSIONS

Dimensions: 66.5mm X 88.5mm X 18.2mm

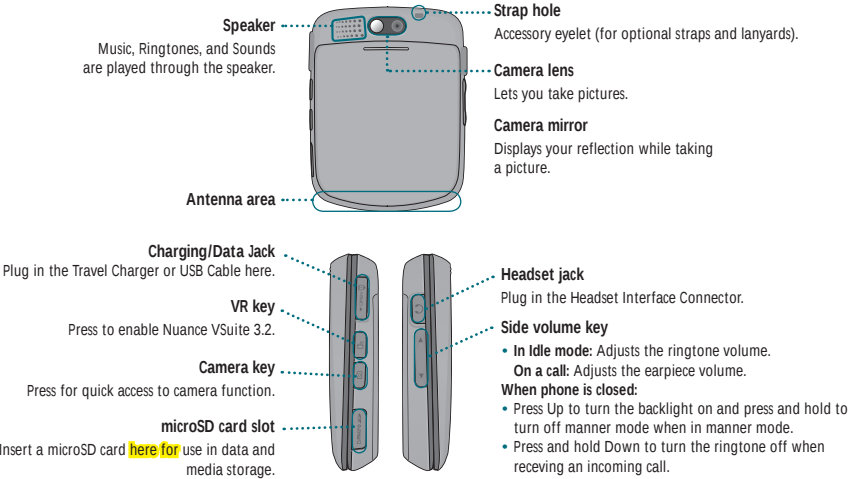
Weight: 128g

■ PHONE OVERVIEW

Open view of your phone



Closed view of your phone



MENU OVERVIEW

MAIN MENU	2ND LEVEL	3RD LEVEL
1. Recent Calls	1. All Calls 2. Missed Calls 3. Received Calls 4. Dialed Calls 5. Call Timers	
2. Phone Book	1. New Entry 2. List Entries 3. Message Groups 4. Groups 5. Speed Dials	
3. Media Gallery	1. Sound Box 2. Picture Box 3. MP3 Box	
4. Messaging	1. New Message 2. Voicemail 3. Inbox 4. Sent 5. Drafts	1. TXT Message 2. Picture Message

MAIN MENU	2ND LEVEL	3RD LEVEL
4. Messaging	6. Settings 7. Erase	1. Entry Mode 2. Auto Save 3. Auto Erase 4. Auto Receive 5. Quick Text 6. Callback # 7. Signature 1. Erase Inbox 2. Erase Drafts 3. Erase Sent 4. Erase All
5. Bluetooth	1. New Device	
6. WAP	1. Connect WAP	
7. Settings	1. Sound Settings	1. Ringer Volume 2. Call Sounds 3. Msg Sounds 4. Service Alerts 5. Power On/Off 6. Key Tone

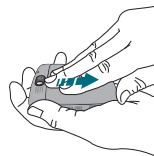
MAIN MENU	2ND LEVEL	3RD LEVEL
7. Settings	2. Display Settings	1. My Banner 2. Backlight Duration 3. Contrast 4. Wallpaper 5. Clock Format 6. Menu Type
	3. Phone Settings	1. Airplane Mode 2. Language 3. Menu Readout 4. Messaging Readout 5. Location 6. Security 7. NAM Selection
	4. Call Settings	1. Answer Options 2. Auto Retry 3. TTY Mode 4. One Touch Dial 5. Voice Privacy
	5. Memory	1. Save Options 2. Internal Memory 3. External Memory
	6. Phone Info	1. My Number 2. SW Version

MAIN MENU	2ND LEVEL	3RD LEVEL
8. Camera	1. Take Picture 2. Picture Gallery	
9. Utilities	1. Voice Commands 2. Alarm Clock 3. Calendar 4. World Clock 5. Notepad 6. Calculator 7. Stop Watch 8. Mass Storage	

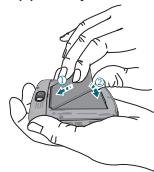
■ INSTALLING, REMOVING & CHARGING THE BATTERY

To install your battery

1. Remove the battery cover from the unit.



2. Slide the battery into the slot (1) located at the top of the unit and press (2) until you hear the "click".

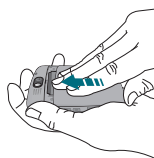


To remove your battery

1. To remove the battery, push down on the top of the battery while inserting your finger into the slot and pulling up from the back of the battery and slide it out.



2. Slide the battery cover back onto the unit.

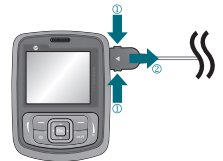


To charge your battery

1. Open the protective cover on the right side of the phone and connect the charger adapter. Plug the other end into a standard outlet.



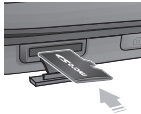
2. To remove the adapter connection press the adapter's side buttons (1) and pull (2).



■ INSTALL/REMOVE THE microSD CARD

The microSD card stores sounds, images, photos, music, and other files.

1. With the microSD card slot opened, and the gold contacts facing down, insert the microSD card into the slot. Push the card in until it clicks into place. Close the microSD card slot.
2. To remove the microSD card, open the microSD card slot. Use your thumb to press and release the microSD card. It will pop-out to allow you to remove the card. Remove the card and close the microSD card slot.



■ TURN THE PHONE ON/OFF

To turn on

1. Press and hold the END Key [END].

To turn off

1. Press and hold the END Key [END].

■ USING AUTO KEYPAD LOCK FUNCTION

When the Slide is closed, the Side Keys and the Navigation Key are locked. To unlock them, press any key, "Press ok to unlock keypad" displays, then press the OK Key OK.

Note:

You can also open the slide to unlock the keypad.

■ DISPLAY ICONS

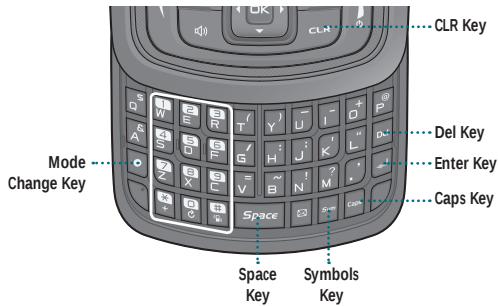
Display indicators

Icon	Name
	Phone Status (Voice Call/Data Call/Dormant/No Service/Speakerphone/CDMA Service Call/1X Service Call/Roaming Call/Voice Privacy)
	All Sounds Off/Vibrate Only
	Phone Message (SMS/Voice Mail)
	Alarm/Schedule is set
	VR (Active/Listening Mode)
	Bluetooth (On/Active/Connected Mode)
	TTY/GPS (Location)/Airplane Mode
	Battery

■ ENTERING TEXT

Your device has a QWERTY keyboard that provides a superior typing experience on a small handheld device for easy and comfortable input. You can use all of the handset functions with the keyboard either closed or open. When you slide open the keyboard you have the extra benefit of a full messaging keyboard.

Your device has **a dictionary** for English. The appropriate dictionary is activated automatically when you select a language on your device.



Your device uses the active dictionary to suggest corrections or complete the word you're typing.

[] Mode change key

• When in idle mode:

- Slide out the QWERTY keyboard, and then press to change between entering numbers and letters that appear on the same key.
- Press and hold the Mode Change Key to lock in numeric mode or text entry mode.

• When in Text entry mode:

- Press to change between entering upper and lower case letters.
- Press and hold to lock in numeric or text entry mode.

[] Space key

Press to accept a word and add a space.

[] Symbols key

Press to open symbols list.

[] Caps key

Press to select a letter case for the standard text [Abc] input mode. [Abc], [ABC] and [abc] indicate the standard text input.

[] Enter key

Press to insert a carriage return.

[] Del key

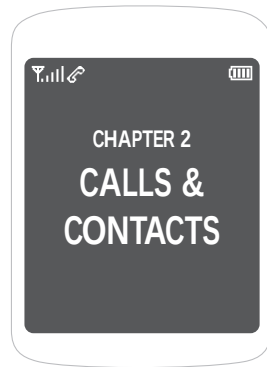
When in a Text entry field and in entry mode, press to delete the character to the left of the cursor. Press and hold to delete the entire word or character string that was just entered.

[] CLR Key

When in a Text entry field and in entry mode, press to delete the character to the left of the cursor. Press and hold to delete the entire word or character string that was just entered.

Note:

For best performance in low-light environments, your handset includes a backlight feature that can illuminate both the display and the keyboard so you can keep reading and typing. (Please refer to page 59 for more details on “Backlight Duration”.)



Making, Receiving & Ending a call
Caller ID
Call waiting function
Speakerphone
Vibrate mode on/off
Making an emergency call
Options during a call
Call setting
Checking the recent call list
Using contacts
Speed dialing
Voice commands (VR)
Using your headset

■ MAKING, RECEIVING & ENDING A CALL

To make a call

1. Enter the area code and phone number.
2. Press the SEND Key [].

To answer a call

1. Slide open the phone.

To end a call

1. Press the END Key [].

Once the call is completed, a call summary appears.

To reject a call

1. Press the END Key [] twice or press the Left Option Key [] Ignore.

To make a call using call list

Your phone logs up to 270 dialed, received and missed call numbers.

1. In standby mode, press the SEND Key [] to display the *All Calls* list.
2. Select a number.
3. Press the SEND Key [] to dial the selected number.

Note:

- To redial the last number in the *All Calls* list, press the SEND Key [] twice.
- After 270 received, dialed or missed calls, the oldest call will automatically be erased from the history.

To make a call using contacts

1. In standby mode, press the Right Option Key [] *Phonebook* to access the Contacts list. Select the desired phone number then press the SEND Key [].

To making an international call

1. In standby mode, press and hold the [] **Key**. The +

required for international calls will be displayed.

2. Enter the country code, area code, and phone number, then press the SEND Key [].
3. To end the call, press the END Key [].

To adjust the call volume

1. During a call, press the Side Volume Key [] up or down to adjust the earpiece volume.

To insert a 2-Sec/Hard Pause feature

Pauses are used for automated systems (i.e., Voicemail, calling cards). Insert a pause after a phone number then enter another group of numbers. The second set of numbers is dialed automatically after the pause. This feature is useful for dialing into systems that require a code.

1. Enter a phone number and then press the Right Option Key [] *Options*. Select either *2 Sec Pause* ("T") or *Hard Pause* ("P").
2. Press the SEND Key [] to dial, or press the Left Option Key [] *Save* to save the number.

Note:

When a 2-Sec Pause is selected, the phone automatically dials the second set of numbers after 2 seconds. However, when a Hard Pause is selected, it will dial the numbers manually.

To switch between two calls

1. Press the SEND Key [].

To reply to a missed call

1. Press *View Now/View Later* to display the list of missed calls.
2. Select a number to call by pressing the Navigation Key [ / ] up or down.
3. Press the SEND Key [].

To answer a second call

1. Press the SEND Key []. The first call is automatically put on hold.

2. Press the END Key [] to end the second call.

The call on hold is automatically reconnected.

■ CALLER ID

Identifies caller by displaying their phone number. If the caller's name and number are already stored in your contact list, their name will appear. The caller ID is stored in the Recent Calls Menu.

■ CALL WAITING FUNCTION

Notifies you of a Received call when you are already on a call by sounding a beep tone and displaying the caller's phone number.

To answer another call while on the phone, press the SEND Key []. This places the first call on hold. To switch back to the first caller, press the SEND Key [] again.

■ SPEAKERPHONE

The speakerphone feature lets you hear audio through the speaker and talk without holding the phone.

To activate the speakerphone in idle mode, press the Speakerphone Key []. To activate the speakerphone while on a call, press the Speakerphone Key [] first. Or, press the Right Option Key [] *Options > Speaker Phone On*.

■ VIBRATE MODE ON/OFF

In standby mode, press and hold the [] **Key** to turn Vibrate Mode On/Off. In Vibrate Mode, all phone sounds are turned off and the phone will vibrate to notify you of an incoming call or message.

■ MAKING AN EMERGENCY CALL

The 911 feature automatically places the phone in Emergency Call Mode when you dial the preprogrammed emergency number, 911.

To make a 911 call in lock mode

1. Enter "911" and then press the SEND Key [].
2. The phone will remain in Emergency Mode until you press the Right Option Key [] *Exit*.

To make a 911 call using any available system

1. Enter "911" and then press the SEND Key [].
2. The phone will stay in Emergency Mode until you press the Right Option Key [] *Exit*. While the phone is in Emergency Mode, the phone can receive a call from any available system and you can make outgoing calls.

■ OPTIONS DURING A CALL

Note:

While on a call, long press the VR Key [] to unlock the keypad.

Microphone off and on

To switch your phone's microphone off

1. Press the Left Option Key [] *Mute*.

To switch your phone's microphone back on

1. Press the Left Option Key [] *Unmute*.

To talk on speaker

1. Press the Speakerphone Key []. Or, press the Right Option Key [] *Options > Speaker Phone On*.

To put a call on hold

To put a call on hold

1. Press the SEND Key [].

To return to the call on hold

1. Press the SEND Key [] again.

To save a number in the list entries during a call

1. Press the Right Option Key [] *Options > Phone Book > New Entry*.

To search for a number in the contacts list during a call

1. Press the Right Option Key [] *Options > Phone Book > List Entries*.

To search for a name or group in the list entries

Enter the first letters of the name for the Search. The entries are displayed starting with the first entry matching your the letters you entered.

To find a name manually in the list entries

1. Press the Navigation Key [ / ] up or down.

To view the details of a highlighted entry in the list entries

1. Press the OK Key VIEW.

For more information on Contacts, see page 25.

To search for a number in recent calls during a call

1. Press the Right Option Key [] Options > Recent Calls.

To write a text message during a call

1. Press the Right Option Key [] Options > TXT Message.

For more information on creating a message, see page 34.

Note:

During the call, you can only send text messages. Multimedia messages cannot be sent or saved.

To access the Bluetooth menu during a call

1. Press the Right Option Key [] Options > Connect Bluetooth.

■ CALL SETTING

To answer a call by pressing any key

1. In standby mode, press the Left Option Key [] Menu > Settings > Call Settings > Answer Options.
2. Select *Slide Open*, *Any Key*, *Auto Answer* or *Send Only*, **then** press the OK Key OK.

Note:

You can answer with any key except the END Key [] **or** press the Right Option Key [] Quiet.

To set the phone to auto retry

1. In standby mode, press the Left Option Key [] Menu > Settings > Call Settings > Auto Retry.
2. Select *Off*, *7 Seconds* or *10 Seconds*, **then** press the OK Key OK.

TTY mode

1. In standby mode, press the Left Option Key [] Menu > Settings > Call Settings > TTY Mode.
2. Select *TTY Full*, *TTY + Talk*, *TTY + Hear* or *TTY Off*, **then** press the OK Key OK.

One touch dial

Ideal for frequently dialed numbers, this feature allows contact entries to be dialed via the keypad with only one or two touches. To activate One Touch Dialing:

1. In standby mode, press the Left Option Key [] Menu > Settings > Call Settings > One Touch Dial.
2. Select *On* or *Off*, **then** press the OK Key OK.

Voice privacy

1. In standby mode, press the Left Option Key [] Menu > Settings > Call Settings > Voice Privacy.
2. Select *On* or *Off*, **then** press the OK Key OK.

■ CHECKING THE RECENT CALL LIST

You can view information about all *Recent Calls*. For more options for All, Missed, Received and Dialed Calls, press the Right Option Key [] Options.

To view all calls

1. In standby mode, press the Left Option Key [] Menu > Recent Calls > All Calls. Or, in standby mode, press the SEND Key [].
2. Select a call entry, **then** press the OK Key OK to view the details.

To view missed calls

1. In standby mode, press the Left Option Key [] Menu > Recent Calls > Missed Calls.
2. Select the missed call entry, **then** press the OK Key OK to view the details.

To view received calls

1. In standby mode, press the Left Option Key [] Menu > Recent Calls > Received Calls.
2. Select the received call entry, **then** press the OK Key OK to view the details.

To view dialed calls

1. In standby mode, press the Left Option Key [] Menu > Recent Calls > Dialed Calls.
2. Select the dialed call entry, **then** press the OK Key OK to view the details.

To view call timers

1. In standby mode, press the Left Option Key [] Menu > Recent Calls > Call Timers.
2. Select Last Call, All Calls, Received Calls, Dialed Calls, Home Calls, Roaming Calls, Transmit KB, Incoming KB, Total KB, Lifetime Calls or Lifetime Data Counter.

To reset call timers

1. In standby mode, press the Left Option Key [] Menu > Recent Calls > Call Timers.
2. Select Last Call, All Calls, Received Calls, Dialed Calls, Home Calls, Roaming Calls, Transmit KB, Incoming KB or Total KB > Press the Left Option Key [] Reset or Right Option Key [] Reset All, **then** press the Right Option Key [] Yes.

To send a message from the recent calls list

1. In standby mode, press the SEND Key [].
2. Select the call then press the Right Option Key [] Options.

3. Select New Text Message or New Picture Message.
4. Write the message then press the OK Key SEND. Or, press the SEND Key [].

To delete a call list entry

1. In standby mode, press the SEND Key [].
2. Select the call then press the Left Option Key [] Erase, **then** press the Right Option Key [] Yes.

To delete all call list entries

1. In standby mode, press the SEND Key [].
2. Select the call then press the Right Option Key [] Options > Erase All.
3. Press the Right Option Key [] Yes.

Note:

If no logs exist, the message "All calls empty" appears.

■ USING CONTACTS

You can save names, phone numbers, and up to 500 contacts in the phone.

To view the contacts list

1. In standby mode, press the Right Option Key [] Phonebook.

To search for a phone number

1. In standby mode, press the Left Option Key [] Menu > Phone Book > List Entries.
2. Input a name, or select a name from the list.
3. Press the OK Key VIEW to display the details entry.

To make a call from the contacts list

1. In standby mode, press the Left Option Key [] Menu > Phone Book > List Entries.
2. Select a contact, **then** press the SEND Key [].

To send contacts information

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *List Entries*.
2. Select a contact then press the Right Option Key [] *Options* > *Text Message* or *Picture Message*.
3. Write the message then press the OK Key *SEND*. Or, press the *SEND* Key [].

To delete a contact

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *List Entries*.
2. Select a contact then press the Right Option Key [] *Options* > *Erase* > Press the Right Option Key [] *Yes*.

To add a contact

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *New Entry*.
2. Enter the appropriate information in each **field**.

3. To save a new contact, press the OK Key *SAVE*.

To add new message group

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *Message Groups*.
2. Press the Left Option Key [] *New* > Input a message group name, **then** press the OK Key *SAVE*.

To change message group name

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *Message Groups*.
2. Select an existing message group name and press the Right Option Key [] *Options* > *Rename*.
3. Input a new message group name, **then** press the OK Key *SAVE*.

To erase a message group

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *Message Groups*.

2. Select an existing message group, **then** press the Right Option Key [] *Options* > *Erase* > Press the Right Option Key [] *Yes*.

To add member to a message group

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *Message Groups*.
2. Select an existing message group, **then** press the Right Option Key [] *Options* > *Add*.
3. **Select the** entry you wish to add then press the Left Option Key [] *Mark*, press the OK Key *OK*.

To add new group

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *Groups*.
2. Press the Left Option Key [] *New* > Input a group name, **then** press the OK Key *SAVE*.

To change group name

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *Groups*.
2. Select an existing group name, **then** press the Right Option Key [] *Options* > *Rename*.
3. Input a new group name.
4. To save a group, press the OK Key *SAVE*.

To erase a group

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *Groups*.
2. Select an existing group, **then** press the Right Option Key [] *Options* > *Erase* > Press the Right Option Key [] *Yes*.

■ SPEED DIALING

You can dial quickly using speed dialing. Up to 20 speed dial entries can be saved.

To set speed dial

1. In standby mode, press the Left Option Key [] *Menu* > *Phone Book* > *Speed Dials*.
2. Select an empty entry then press the OK Key *SET*.
3. Select a person, the phone number, then press the OK Key *OK*.
4. Press the Right Option Key [] *Yes*.

To update speed dial entry

1. Select a number, then press the OK Key *SET* > Press the Right Option Key [] *Yes*.
2. Select a person, the phone number, then press the OK Key *OK*.

To remove from speed dial

1. Select a number and press the Left Option Key [] *Erase*, then press the Right Option Key [] *Yes*.

■ VOICE COMMANDS (VR)

Your phone is equipped with an VR (Voice Recognition) feature. This feature allows you to make calls or use the phone's functions by simply using your voice. All you have to do is talk into the phone, and the phone will recognize your voice and complete tasks by itself.

To use VR (Voice Recognition)

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Voice Commands*. Or, in standby mode, press the Side VR Key [] located on the upper right side of the phone.
2. The phone displays the Command menu and prompts you to say the name of the command you want to use. To complete your task, simply follow the voice prompts. You can say the name of the command after you hear a beep.

Call <Name or #>

1. Say *Call* <Name>. Your phone will ask you to confirm the name you said. Say "Yes" if it was repeated correctly.

That phone number will be dialed. If there is more than one number saved for that contact, you will be asked to confirm which number to dial.

Send text <Name or #>

1. Say *Send Text* <Name>. (Examples: *Send Text Tom Smith*)

Follow instructions for sending a new message on page 34.

Send picture <Name or #>

1. Say *Send Picture* <Name>. (Examples: *Send Picture Tom Smith*)

Follow instructions for sending a new message on page 35.

Lookup <Name>

1. Say *Lookup* <Name>. (Examples: *Lookup Tom Jones*)
2. The View Contact page will be displayed for that contact name.

Go To <Menu>

1. Say *Go To* followed immediately by one of the items: (Phonebook, Recent Calls, Messaging, Bluetooth, Settings, WAP)

Check <Item>

1. Say *Check* followed immediately by one of the items: (Status, Voicemail, Messages, Missed Calls, Time, Signal Strength, Network, Battery, My Phone Number, Volume)

To set VR settings

To set VR confirmation

1. Press the Right Option Key [] *Settings > Confirmation*.
2. You can control when the system asks you to confirm a name or number.
3. Select *Automatic*, *Always Confirm* or *Never Confirm*, then press the Left Option Key [] OK.

To set VR adaptation

1. Press the Right Option Key [] *Settings > Adaptation*.
2. You can adapt the system to your voice for optimal recognition accuracy. During adaptation, the system will prompt you to speak a series of short phrases.

If you need to erase adaptation data and set the system back to the factory default, select Reset Voice.

3. Press the Left Option Key [] *Start* to begin.

To set VR audio modes

1. Press the Right Option Key [] *Settings > Audio Modes*.
2. You can control the level of audio guidance provided by the system. In prompt mode (the default), the system prompts for required information. In readout mode, the system prompts for required information and reads out the contents of the screen.

In expert mode, audio guidance is provided by beeps only.

3. Select *Expert Mode*, *Prompt Mode* or *Readout Mode*, then press the Left Option Key [] OK.

To set VR speakerphone

1. Press the Right Option Key [] *Settings > Speakerphone*.

2. You can control how the system uses the speakerphone. Select Always on to have outgoing audio play through the speakerphone. Select Always off to have outgoing audio play through the internal speaker. Select Automatic to use the speakerphone setting of the phone.
3. Select *Automatic*, *Always On* or *Always Off*, then press the Left Option Key [] OK.

To view about Nuance VSuite version

1. Press the Right Option Key [] *Settings > About*.
2. The Nuance VSuite 3.2 version appears. Press the Right Option Key [] Back.

■ USING YOUR HEADSET

To send or receive a call using your headset, connect the headset to the jack located on the upper left side of your phone. Once connected, the button on the headset controls the following:

While in standby mode

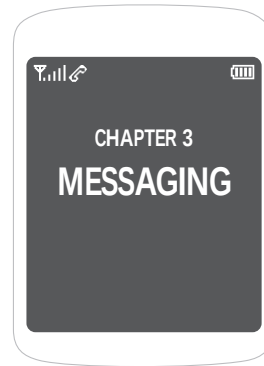
1. Press the button once to list recent calls.
2. Press the button twice to redial the last call.

While the phone is closed

1. Press the button once to answer a call.
2. Press the button once to end the call.

Note:

Headset sold separately.



Messaging

Create and send a new text message

Create and send a new picture message

Voicemail

Received message

Sent message

Draft message

Message templates

Message settings

Erase messages

■ MESSAGING

The messaging feature is an integrated messaging application that lets you send and receive Text and Picture messages.

To delete a message

1. Select a message then press the Left Option Key [] *Erase*, then press the Right Option Key [] *Yes*.

To reply to a message

1. Select a message then press the OK Key *OK*, then press the OK Key *Reply*.

■ CREATE AND SEND A NEW TEXT MESSAGE

To send new text message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *New Message* > *TEXT Message*.
2. Enter phone number or press the Right Option Key [] *Add* > *From List Entries*.

3. Find the recipient and check the box by selecting the Left Option Key [] *Mark*, then press the OK Key *OK* > Press the OK Key *OK*.

4. Write the message. When completed, press the Right Option Key [] *Options*.

- **Read Message:** To readout already written sentences in Text message.
- **Save As Draft:** To save the Text message.
- **Add Quick Text:** Inserts already written sentences in Text message.
- **Priority Level:** Select *High* or *Normal*.
- **Delivery ACK:** Select *On* or *Off*.
- **Cancel Message:** To cancel message.

5. Press the OK Key *SEND*. Or, press the SEND Key [].

6. To view sent messages, press the Left Option Key [] *Menu* > *Messaging* > *Sent*.

Note:

All successfully sent or failed messages will be saved in the *Sent* folder.

To view all sent messages

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Sent*.

■ CREATE AND SEND A NEW PICTURE MESSAGE

You can add picture and sound files to a picture message. If message exceeds 512Kb an error message will pop up.

To send new picture message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *New Message* > *Picture Message*.

2. Enter phone number or press the Right Option Key [] *Add* > *From List Entries*.

3. Find the recipient and check the box by selecting the Left Option Key [] *Mark*, then press the OK Key *OK* > Press the OK Key *OK*.

4. Under "Text", input a New Picture Message and then press the Directional Key down.

5. Under "Picture", you can only insert/remove one picture.

6. Under "Sound", you can only insert/remove one sound.

7. Under "Subject", input a subject.

4. When completed, press the Right Option Key [] *Options*.

- **Preview:** To preview a written Picture Message.
- **Read Message:** To readout already written sentences in Text message.

- **Save As Draft:** To save the Picture Message.
- **Add Quick Text:** Inserts already written sentences in Picture Message.

- **Add Slide:** To add another message.
- **Priority Level:** Select *High* or *Normal*.
- **Remove Picture:** To remove inserted picture in Picture field.
- **Remove Slide:** To remove inserted Slide Message.
- **Remove Sound:** To remove inserted sound in Sound field.
- **Cancel Message:** To cancel message.

5. Press the OK Key *SEND*. Or, press the SEND Key [].

6. To view sent messages, press the Left Option Key [] *Menu* > *Messaging* > *Sent*.

Note:

All successfully sent or failed messages will be saved in the *Sent* folder.

To add a saved picture in the message

1. When composing a message, under *Picture*.
2. Press the Left Option Key [] *Add*, select the picture you would like to send, **then** press the OK Key OK.

To add a new picture to a message

1. When composing a message, under *Picture*.
2. Press the Left Option Key [] *Add*.
3. Press the Right Option Key [] *Options* > *Take Picture*.
4. Take the picture, **then** press the Left Option Key [] *Save* > Choose a saved picture, **then** press the OK Key OK.

To add a saved sound to the message

1. When composing a message, under *Sound*.
2. Press the Left Option Key [] *Add*, select the sound you

would like to send, **then** press the OK Key OK.

■ VOICEMAIL

Whenever you receive new voicemail, an alert will pop up on your phone's screen.

To set up your voicemail

Before your phone can receive voicemail messages, you must set up a 4-10 digit passcode and record a personal voicemail greeting. When you have set up your voicemail, all unanswered calls to your phone are automatically transferred to voicemail, even if your phone is in use or turned off.

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Voicemail* or press and hold the [] Key.
2. Follow the system prompts to setup your password and record a greeting.

To access your voicemail box

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Voicemail* or press and hold the [] Key.

2. Follow the system prompts to enter your password and retrieve your messages.

■ RECEIVED MESSAGE**To read new messages**

1. Press the OK Key *VIEW*.

To read message using the Inbox

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Inbox*.
2. Select a received message, **then** press the OK Key OK.

To save new numbers from a received message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Inbox*.
2. Select a received message then press the OK Key OK, press the Right Option Key [] *Options* > *To List Entries*.
3. Select *Create New Entry* or *Existing Entry*.

4. Edit contacts list, **then** press the OK Key SAVE.

To launch a URL address that appears in a received message

1. Open the message that contains the URL address.
2. Select the URL address in the message.

To save an object that appears in a received multimedia message

1. Open the multimedia message.
2. Select the object, **then** press the Right Option Key [] *Options* > *Save Attached*.

Note:

If you save an image, It will be saved in one of the categories in *Media Gallery* > *Picture Box*. If a sound file is saved, It will be saved in the *Media Gallery* > *Sound Box*.

For Media Gallery, see page 46 ~ 47.

To listen to voice messages

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Voicemail*. To call the voicemail center, press the OK Key *CALL*.

■ SENT MESSAGE

To edit a message in the sent folder

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Sent*.
2. Select a sent message, press the OK Key *OK*, then press the OK Key *RESEND*.
3. Select *To All* or *To Failed Only*, then press the OK Key *OK*.
4. To send the edited message, press the OK Key *SEND*. Or, press the SEND Key [].

Note:

This option is only available for pending or failed messages in your sent folder. You cannot edit messages that have successfully been sent.

To call a number in a sent message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Sent*.
2. Select a sent message, press the OK Key *OK*, then press the SEND Key [].

To forward message to another recipient

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Sent*.
2. Select a sent message, press the OK Key *OK*, then press the Right Option Key [] *Options* > *Forward*.
3. Enter another recipient's phone number, then press the OK Key *SEND*. Or, press the SEND Key [].

To save new numbers from sent message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Sent*.
2. Select a sent message, press the OK Key *OK*, then press the

Right Option Key [] *Options* > *To List Entries*.

3. Select *Create New Entry* or *Existing Entry*.
4. Edit contacts list, then press the OK Key *SAVE*.

■ DRAFT MESSAGE

To edit and send a message in the draft folder

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Drafts*.
2. Select a draft message, then press the OK Key *EDIT*.
3. To send the edited message, press the OK Key *SEND*. Or, press the SEND Key [].

■ MESSAGE TEMPLATES

If you often use the same words or phrases in your text messages, save them as a template to save time.

To save the message as a template

1. In standby mode, press the Left Option Key [] *Menu* >

Messaging > *Settings* > *Quick Text*.

2. Press the Right Option Key [] *New*.
3. Write a message, then press the OK Key *SAVE*.

To edit the saved template message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Settings* > *Quick Text*.
2. Select the message, then press the OK Key *EDIT*.
3. Edit a message, then press the OK Key *SAVE*.

To erase the saved template message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Settings* > *Quick Text*.
2. Select the message, then press the Left Option Key [] *Erase* > Press the Right Option Key [] *Yes*.

■ MESSAGE SETTINGS

Customize your messages by adjusting the Message Settings.

To set text entry mode

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Settings* > *Entry Mode*.
2. Select *Abc*, *ABC* or *123*, then press the OK Key OK.

To set auto save message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Settings* > *Auto Save*.
2. Select *On*, *Off* or *Prompt*, then press the OK Key OK.

To set auto erase message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Settings* > *Auto Erase*.
2. Select *On* or *Off*, then press the OK Key OK.

To set auto receive message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Settings* > *Auto Receive*.
2. Select *On* or *Off*, then press the OK Key OK.

To create and edit the quick text message

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Settings* > *Quick Text*.

Follow instructions for message templates on page 39.

To set callback number

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Settings* > *Callback #*.
2. Select *Off* or *On*, then press the OK Key OK.
3. If *On* is selected, input a new callback number, then press the OK Key OK.

To create a signature for a messages

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Settings* > *Signature*.
2. Select *None* or *Custom*, then press the OK Key OK.
3. If *Custom* is selected, input your signature in the text field, then press the OK Key OK.

■ ERASE MESSAGES

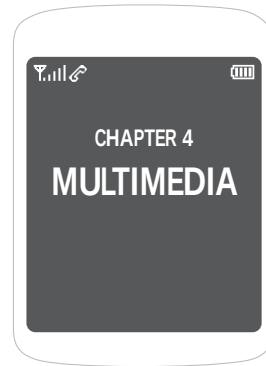
Erase old messages to free up memory in your phone.

To erase all messages in each folders

1. In standby mode, press the Left Option Key [] *Menu* > *Messaging* > *Erase*.
2. Select *Erase Inbox*, *Erase Drafts*, *Erase Sent* or *Erase All*, then press the Right Option Key [] Yes.

Note:

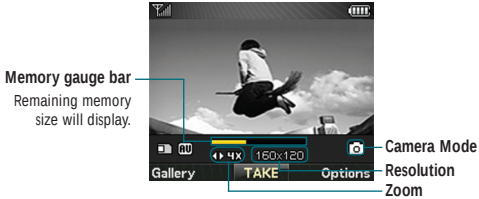
If *Erase Inbox* is selected, select *Read Message* or *Entire Inbox*, then press the Right Option Key [] Yes.



Camera
Picture box
Sound box
MP3 box

CAMERA

You can take pictures using the built-in camera. The photos can be saved and sent using multimedia messages.



To adjust the camera settings

1. In standby mode, press the Left Option Key [] *Menu* > *Camera* > *Take Picture*.
2. Press the Right Option Key [] *Options* before you take a picture to access the following options:

Icons for camera

Icon	Menu	Options
	Resolution	Display photo resolution 1280x960, 640x480, 320x240, 160x120
	Zoom	1x, 2x, 4x, 8x

To zoom in and out

1. Press the Navigation Key [/] left or right.

Settings for camera

Menu	Sub Menu	Options
Self Timer		Off, 3 Seconds, 5 Seconds, 10 Seconds
Image Controls...	Brightness	-2, -1, 0, 1, 2

Menu	Sub Menu	Options
Image Controls...	White Balance	Auto, Sunny, Cloudy, Tungsten, Fluorescent
	Color Effect	Normal, Gray, Sepia, Negative
Settings...	Resolution	1280x960, 640x480, 320x240, 160x120
	Quality	High, Medium, Low
	Shutter Sound	Off, Shutter, Say "Cheese", Ready! 123

To take a picture

1. **To take a picture**, focus on the object, **then** press the OK Key TAKE.

Note:

Your picture will be saved automatically to *Media Gallery* > *Picture Box* or *Menu* > *Camera* > *Picture Gallery*.

To view pictures you've taken

1. In standby mode, press the Left Option Key [] *Menu* > *Camera* > *Picture Gallery*.
2. Select the picture, **then** press the OK Key VIEW.
3. To view more options, press the Right Option Key [] *Options*.

My pictures option

Functions	Process
To send picture message	Right Option Key [] <i>Options</i> > <i>Send</i>
To set a photo as standby screen	Right Option Key [] <i>Options</i> > <i>Set As</i> > <i>Wallpaper</i>
To set a photo for a specific contact	Right Option Key [] <i>Options</i> > <i>Set As</i> > <i>Picture ID</i>
To rename the picture	Right Option Key [] <i>Options</i> > <i>Rename</i>

Functions	Process
To move the picture to the microSD card	Right Option Key [] Options > Move
To delete all pictures	Right Option Key [] Options > Erase All
To view the information	Right Option Key [] Options > File Info

PICTURE BOX

You can view, assign, delete, move to external memory or to the phone the saved pictures. The supported formats are JPEG, GIF, BMP and PNG.

To view the downloaded or saved image and pictures

1. In standby mode, press the Left Option Key [] Menu > Media Gallery > Picture Box.
2. Select the picture, then press the OK Key VIEW.

To set as wallpaper in the display

1. In standby mode, press the Left Option Key [] Menu > Media Gallery > Picture Box.
2. Select a picture, then press the Right Option Key [] Options > Set As > Wallpaper.

To set as a picture for a specific contact

1. In standby mode, press the Left Option Key [] Menu > Media Gallery > Picture Box.
2. Select a picture, then press the Right Option Key [] Options > Set As > Picture ID.
3. Select the entry, then press the OK Key OK.

To move picture to external memory

1. In standby mode, press the Left Option Key [] Menu > Media Gallery > Picture Box.
2. Select a picture, then press the Right Option Key [] Options > Move > Press the Right Option Key [] Yes.

To erase a saved picture

1. In standby mode, press the Left Option Key [] Menu > Media Gallery > Picture Box.
2. Select a picture, press the Left Option Key [] Erase, then press the Right Option Key [] Yes.

SOUND BOX

Saved sounds can be played, set, or deleted from the phone. Supported formats include MIDI, AAC.

To listen the saved music file

1. In standby mode, press the Left Option Key [] Menu > Media Gallery > Sound Box.
2. Select a Sound, then press the OK Key PLAY.

To set as a ringtone

1. In standby mode, press the Left Option Key [] Menu > Media Gallery > Sound Box.

2. Select a Sound, then press the Right Option Key [] Options > Set As > Ringtone.

To set as a sound for a specific contacts ringer

1. In standby mode, press the Left Option Key [] Menu > Media Gallery > Sound Box.
2. Select a Sound, then press the Right Option Key [] Options > Set As > Contact ID.
3. Select the entry, then press the OK Key OK.

To set as a alert tone

1. In standby mode, press the Left Option Key [] Menu > Media Gallery > Sound Box.
2. Select a Sound, then press the Right Option Key [] Options > Set As > Alert Tone.
3. Select All Messages, TXT Message, PIX Message or Voicemail Msg, then press the OK Key OK.

■ MP3 BOX

This menu appears when using a micro SD card. To play music through your phone, copy downloaded music from your PC to the card then insert the card into your phone.

To connect and transfer MP3 files using the USB cable from your PC to your phone

1. Connect the USB cable to the your phone and the computer.
2. Press the Left Option Key [] *Menu > Utilities > Mass Storage*.
3. Wait until the phone memory and microSD card appear as external disks in computer.
4. Drag and drop selected MP3 files between your phone in MP3 folder and the computer.

Note:

- You can download MP3 by using OMA D/L from **the following website:** <http://www.openmobilepr.com/>
- USB cable not included **when you purchase the phone.**

To disconnect the USB cable from your PC

1. While using **an** external disk, double click the Unplug/Eject Hardware icon displayed in the task bar of Windows.
2. **The** “USB Root Hub” option will be displayed. Select “USB Root Hub” and click the “Stop” button.
3. **The** “USB Root Hub” options will be displayed. Select “USB Root Hub” and click the “OK” button.
4. Click the “Close” button. Disconnect the USB cable from your phone and the computer.

To play the saved music file

1. In standby mode, press the Left Option Key [] *Menu > Media Gallery > MP3 Box*.
2. Select the MP3 file you wish to play, press the Left Option Key [] *Mark*, **then** press the OK Key *PLAY*.



Music player fuction key

Key	Description
Press the Navigation Key [] down	Volume down
Press and hold the Navigation Key [] right	Fast forward
Press the Navigation Key [] right	Play next music file
Press the Navigation Key [] up	Volume up
Press and hold the Navigation Key [] left	Fast rewind

Key	Description
Press the Navigation Key [] left	Play previous music file
OK	Play/Pause
Left Option Button []	Mute/Unmute
Right Option Button []	Play all/Shuffle/Repeat
Side Volume Key []	Volume Up/Down

3. Press the Right Option Key [] *Options to view the following:*
 - **Settings:** To select music file playback options. (1. Normal, 2. Repeat 1, 3. Repeat All, 4. Shuffle)
 - Set as
 - Mark All
 - Unmark All
 - Erase
 - Erase All
 - File Info

To delete a selected MP3 file

1. In standby mode, press the Left Option Key [] *Menu* > *Media Gallery* > *MP3 Box*.
2. Select a MP3 file, **then** press the Right Option Key [] *Options* > *Erase* > Press the Right Option Key [] *Yes*.

To delete all saved MP3 files

1. In standby mode, press the Left Option Key [] *Menu* > *Media Gallery* > *MP3 Box*.
2. Press the Right Option Key [] *Options* > *Erase all* > Press the Right Option Key [] *Yes*.

To display information about the selected MP3 file

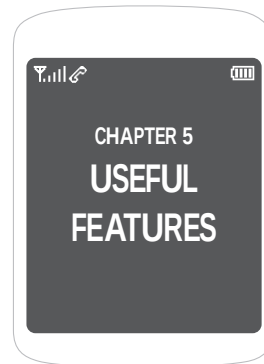
1. In standby mode, press the Left Option Key [] *Menu* > *Media Gallery* > *MP3 Box*.
2. Select a MP3 file, **then** press the Right Option Key [] *Options* > *File Info*.

To set a MP3 file as the call ringtone

1. In standby mode, press the Left Option Key [] *Menu* > *Media Gallery* > *MP3 Box*.
2. Select a MP3 file, **then** press the Right Option Key [] *Options* > *Set As* > *Ringtone*.
3. The MP3 file will be moved to the internal memory and will not appear on the MP3 Box list any more. You can see the saved MP3 file on the Call Ringtone list.

Note:

You can only send files smaller than 5MB.



Voice commands
Alarm clock
Calendar
World clock, Notepad, Calculator, **Stop Watch** &
Mass storage

■ VOICE COMMANDS

In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Voice Commands*.

Follow instructions for Voice Commands (VR) on page 28.

■ ALARM CLOCK

To set an alarm

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Alarm Clock*.
2. Select *Alarm 1*, *Alarm 2* or *Alarm 3*, then press the OK Key OK.
3. Enter information into the appropriate fields, then press the OK Key SAVE.

To view the saved alarms

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Alarm Clock*.

To edit existing alarms

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Alarm Clock*.
2. Select an existing alarm, then press the OK Key OK > Edit the alarm, then press the OK Key SAVE.

■ CALENDAR

Calendar helps you manage your schedule. Enter events in the calendar and set a reminder using the alarm function.

To view calendar

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Calendar*.

Note:

Monthly view is displayed as the default.

In the monthly view

To	Press
Move to another day	Navigation Key [] left for Previous day Navigation Key [] right for Next day
Move to another week	Navigation Key [] up for Previous week Navigation Key [] down for Next week

To create a new event

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Calendar*.
2. Select a day, then press the Left Option Key [] *New*.
3. On the *Edit Schedule* screen, enter information into the appropriate fields, then press the OK Key SAVE.

To edit an event

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Calendar*.

2. Select a saved event, then press the OK Key VIEW > Press the OK Key VIEW > Press the OK Key EDIT.
3. On the *Edit Schedule* screen, enter information into the appropriate fields, then press the OK Key SAVE.

To erase a saved event

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Calendar*.
2. Select a saved event, then press the OK Key VIEW > Press the Left Option Key [] *Erase*, then press the Right Option Key [] *Yes*.

■ WORLD CLOCK, NOTEPAD, CALCULATOR, STOP WATCH & MASS STORAGE

To use world clock

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *World Clock*.

2. Press the Navigation Key [ /  /  / ] left, right, up or down to select different cities.
3. To set daylight savings time, press the Right Option Key [] DST.
4. Complete the appropriate fields, press the OK Key SAVE.

To use notepad

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Notepad*.

To add memo

1. Press the Left Option Key [] *New* > Input a new text, **then** press the OK Key SAVE.

To view memo

1. Select a memo, **then** press the OK Key VIEW.

To edit memo

1. Select a memo, **then** press the OK Key VIEW > Press the OK Key EDIT.
2. Input a new text memo, **then** press the OK Key SAVE.

To erase memo

1. To erase a memo, press the Right Option Key [] *Options* > *Erase/Erase All* > Press the Right Option Key [] Yes.

To use the calculator

Use the Calculator for basic mathematical equations.

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Calculator*.

Key	Description
Press the Navigation Key [] left	÷
Press and hold the Navigation Key [] right	×

Key	Description
Press the Navigation Key [] up	+
Press the Navigation Key [] down	–
Press the [] Key	Decimal point (.)
Press the [] Key	Positive or negative (±)
Press the OK Key	=

To use the Stop Watch

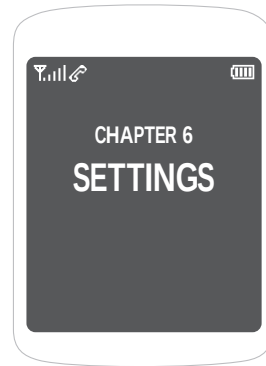
The Stop **Watch keeps track of** the time you spend **on** an activity.

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Stop Watch*.
2. Press the OK Key *START* to start the stop watch.
3. Press the Left Option Key [] *Lap* to save Lap time and start counting another. Up to eight laps can be timed.
4. Press the OK Key *STOP* to stop the stop watch.

5. Press the Left Option Key [] *View* to display the recorded lap time.
6. Press the Right Option Key [] *Reset* to reset the stop watch.

To use the mass storage

1. In standby mode, press the Left Option Key [] *Menu* > *Utilities* > *Mass Storage*.



To set sound settings
Change the display
To set phone settings
Call settings
Memory
Phone info

■ TO SET SOUND SETTINGS

To set ringer volume

1. In standby mode, press the Left Option Key [] Menu > Settings > Sound Settings > Ringer Volume.
2. Select *Silent*, *Vibrate On*, *Level 1 ~ Level 5*, then press the OK Key SET.

Note:

To play/stop sound, press the Left Option Key [] Play/Stop.

To set call sounds

1. In standby mode, press the Left Option Key [] Menu > Settings > Sound Settings > Call Sounds.
2. Select *Call Ringtone* or *Call Vibrate*, then press the OK Key OK.
 - **Call Ringtone:** Select the desired Call Ringtone, then press the OK Key OK.

Note:

To play/stop sound, press the Left Option Key [] Play/Stop.

- **Call Vibrate:** Select *On* or *Off*, then press the OK Key OK.

To set msg sounds

1. In standby mode, press the Left Option Key [] Menu > Settings > Sound Settings > Msg Sounds.
2. Select *TXT Message*, *PIX Message* or *Voicemail MSG*, then press the OK Key OK.

- **Tone:** To Set as ringtone.

Note:

To play/stop sound, press the Left Option Key [] Play/Stop.

- **Vibrate:** Select *On* or *Off*, then press the OK Key OK.
- **Reminder:** Select *Once*, *Every 2 Minutes*, *Every 15 Minutes* or *Off*, then press the OK Key OK.

To set service alerts

1. In standby mode, press the Left Option Key [] Menu > Settings > Sound Settings > Service Alerts.

2. Choose *Roam*, *Minute Beep* or *Call Connect*, then press the OK Key OK.
3. Select *On* or *Off*, then press the OK Key OK.

To set the power tone on/off

1. In standby mode, press the Left Option Key [] Menu > Settings > Sound Settings > Power On/Off.
2. Choose *Power On Tone* or *Power Off Tone*, then press the OK Key OK.
3. Select *On* or *Off*, then press the OK Key OK.

To set the key tone

1. In standby mode, press the Left Option Key [] Menu > Settings > Sound Settings > Key Tone.
2. Select *Silent*, *Level 1 ~ Level 5*, then press the OK Key OK.

■ CHANGE THE DISPLAY

To set my banner

1. In standby mode, press the Left Option Key [] Menu > Settings > Display Settings > My Banner.

2. Enter text, then press the OK Key OK.

To set the backlight duration

1. In standby mode, press the Left Option Key [] Menu > Settings > Display Settings > Backlight Duration.
2. Select *Display* or *Keypad*, then press the OK Key OK.
 - **Display:** Select *7 Seconds*, *15 Seconds*, *30 Seconds*, *Always On* or *Always Off*, then press the OK Key OK.
 - **Keypad:** Select *7 Seconds*, *15 Seconds*, *30 Seconds*, *Always On* or *Always Off*, then press the OK Key OK.

To set the contrast display

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Display Settings* > *Contrast*.
2. Select *Level 1 ~ Level 5*, **then** press the OK Key OK.

To set the wallpaper

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Display Settings* > *Wallpaper*.
2. Select the wallpaper image, **then** press the OK Key OK.

To change the clock format

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Display Settings* > *Clock Format*.
2. Select *Digital*, *Analog*, *Digital + Analog* or *Off*, **then** press the OK Key OK.

To change the menu type

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Display Settings* > *Menu Type*.
2. Select *Graphic Type* or *List Type*, **then** press the OK Key OK.

■ TO SET PHONE SETTINGS

Airplane mode

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Phone Settings* > *Airplane Mode*.
2. Select *On* or *Off*, **then** press the OK Key OK.

Language

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Phone Settings* > *Language*.
2. Select *English* or *Español*, **then** press the OK Key OK.

Menu readout

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Phone Settings* > *Menu Readout*.
2. Select *On* or *Off*, **then** press the OK Key OK.

Messaging readout

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Phone Settings* > *Messaging Readout*.
2. Select *On* or *Off*, **then** press the OK Key OK.

Location

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Phone Settings* > *Location*.
2. Select *E911 Only* or *Location On*, **then** press the OK Key OK.

To access security menus

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Phone Settings* > *Security*.
2. Enter your password, **then** press the OK Key OK.

Note:

The default lock code will be the last 4 digits of your phone number.

To lock your phone

1. Press *Lock Mode*.
2. Select *Lock Now*, *Unlock* or *On Power Up*, **then** press the OK Key OK.

To edit the password

1. Press *Edit Code*.
2. Enter *New Code* > Enter again *Confirm Code*, **then** press the OK Key OK.

Reset phone

1. Press *Reset Phone*.
2. To reset the phone, press the Right Option Key [] Yes.

To set NAM selection

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Phone Settings* > *NAM Selection*.
2. Select *Auto NAM* or *Change NAM*, then press the OK Key OK.
 - **Auto NAM:** Select *On* or *Off*, then press the OK Key OK.
 - **Change NAM:** Select *NAM 1 - Open* or *NAM 2 - Open*, then press the OK Key OK.

■ CALL SETTINGS

In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Call Settings*.

For Call Setting, see page 22.

■ MEMORY

Save options

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Memory* > *Save Options*.
2. Select *Pictures*, then press the OK Key OK.
3. Select *Internal Memory* or *External Memory*, then press the OK Key OK.

Internal memory

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Memory* > *Internal Memory*.

2. View the Internal memory information, then press the OK Key OK.

External memory

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Memory* > *External Memory*.
2. View the External memory information, then press the OK Key OK.

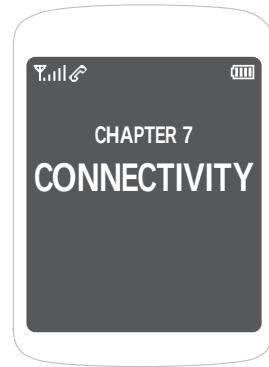
■ PHONE INFO

To view my phone number

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Phone Info* > *My Number*.

To view SW version info

1. In standby mode, press the Left Option Key [] *Menu* > *Settings* > *Phone Info* > *SW Version*.



Bluetooth
Using the internet

■ BLUETOOTH

Bluetooth® technology connectivity enables wireless connections between electronic devices. If connected with a Bluetooth® Handsfree device, you can use your phone more freely. It can also be used to connect wirelessly to products that use Bluetooth® wireless technology. Since devices with Bluetooth® connectivity communicate using radio waves, your phone and the other device do not need to be in direct line-of-sight. The two devices only need to be within 10 meters (30 feet) of each other. The connection can be subject to interference from obstructions such as walls or other electronic devices. If you want more information on this function, visit the Bluetooth® Technology organization Web site: <https://www.bluetooth.org/>.

To access the Bluetooth menu

1. In standby mode, press the Left Option Key [] *Menu* > *Bluetooth*. Or, in standby mode, press the Navigation Key [] left.

To activate Bluetooth

The Power feature allows you to turn the Bluetooth® function on and off.

1. In standby mode, press the Left Option Key [] *Menu* > *Bluetooth* > Press the Left Option Key [] *On / Off*.

To add a device

Pairing is the process that allows the phone to locate, establish and register 1-to-1 connection with the target device.

1. In standby mode, press the Left Option Key [] *Menu* > *Bluetooth* > *New Device* > Press the OK Key OK.

Note:

If Bluetooth® is set to off, "TURN BLUETOOTH POWER ON?" will appear. Press the Right Option Key [] Yes.

2. Instructions (PLACE DEVICE YOU ARE CONNECTING TO IN DISCOVERABLE MODE) will be displayed. Press the OK Key OK. Highlight the device and press the Left Option Key [] *Pair*.

3. In the case of a Bluetooth® headset or Bluetooth® carkit, your phone will attempt to auto pair with "0000" - 4 zeroes. If that passcode is incorrect, your phone will prompt you for the correct passcode. Consult the Bluetooth® accessory instructions for the appropriate passcode.

Note:

The default passcode may differ depending on Bluetooth® devices. Please refer to the user guide of the Bluetooth® device that you wish to use.

4. Once pairing is successful, select the Right Option Key [] Yes and press the OK Key OK.
5. Once paired, you will see the device listed in the "New Device" menu.

To name the phone

1. In standby mode, press the Left Option Key [] *Menu* > *Bluetooth* > Press the Right Option Key [] *Options* > *My Phone Name*.

To turn on discovery mode

1. In standby mode, press the Left Option Key [] *Menu* > *Bluetooth* > Press the Right Option Key [] *Options* > *Discovery Mode*.
2. Select *On* or *Off*, then press the OK Key OK.

To set the supported profiles

1. In standby mode, press the Left Option Key [] *Menu* > *Bluetooth* > Right Option Key [] *Options* > *Supported Profiles*.
2. Select *Headset*, *Handsfree*, *Stereo* or *File Transfer*, then press the OK Key VIEW.

To set auto pair handsfree

1. In standby mode, press the Left Option Key [] *Menu* > *Bluetooth* > Right Option Key [] *Options* > *Auto Pair Handsfree*.
2. Select *On* or *Off*, then press the OK Key OK.

To remove a device from the paired list

1. In standby mode, press the Left Option Key [] Menu > Bluetooth > Select device, **then** press the Right Option Key [] Options > Remove Device.

To rename the paired device

1. In standby mode, press the Left Option Key [] Menu > Bluetooth > Select device, **then** press the Right Option Key [] Options > Rename Device.

To search the service discovery for the paired device

1. In standby mode, press the Left Option Key [] Menu > Bluetooth > Select device, **then** press the Right Option Key [] Options > Service Discovery.

Send name card

1. In standby mode, press the Left Option Key [] Menu > Bluetooth > Select device, **then** press the Right Option Key [] Options > Send Name Card.

Send picture

1. In standby mode, press the Left Option Key [] Menu > Bluetooth > Select device, **then** press the Right Option Key [] Options > Send Picture.

Get name card

1. In standby mode, press the Left Option Key [] Menu > Bluetooth > Select device, **then** press the Right Option Key [] Options > Get Name Card.

To review information about the paired device

1. In standby mode, press the Left Option Key [] Menu > Bluetooth > Select device, **then** press the Right Option Key [] Options > Device Info.

To call using a hands-free headset

1. Press the button once to call the last person.

To answer a call using a hands-free headset

1. Press the button once to answer the call.

■ USING THE INTERNET

To access the Internet

1. In standby mode, press the Left Option Key [] Menu > WAP > Connect WAP. Or, in standby mode, press the Navigation Key [] right > Connect WAP.

Note:

This will access your Wireless Web service provider's homepage.

To go to the homepage

1. In standby mode, press the Left Option Key [] Menu > WAP > Connect WAP > Press the Right Option Key [] Menu > Home.

To return to the previous page

1. In standby mode, press the Left Option Key [] Menu >

WAP > Connect WAP > Press the Right Option Key [] Menu > Back.

To forward to the next page

1. In standby mode, press the Left Option Key [] Menu > WAP > Connect WAP > Press the Right Option Key [] Menu > Forward.

To access the web site directly by entering the address

1. In standby mode, press the Left Option Key [] Menu > WAP > Connect WAP > Press the Right Option Key [] Menu > Go to URL.
2. Enter the web address, **then** press the OK Key Select.

Refresh

1. In standby mode, press the Left Option Key [] Menu > WAP > Connect WAP > Press the Right Option Key [] Menu > Refresh.

To view your browsing history

1. In standby mode, press the Left Option Key [] *Menu* > *WAP* > *Connect WAP* > Press the Right Option Key [] *Menu* > *History*.

To show the URL on the current page

1. In standby mode, press the Left Option Key [] *Menu* > *WAP* > *Connect WAP* > Press the Right Option Key [] *Menu* > *Show URL*.

Manage memory

1. In standby mode, press the Left Option Key [] *Menu* > *WAP* > *Connect WAP* > Press the Right Option Key [] *Menu* > *Manage Memory*.

Settings

1. In standby mode, press the Left Option Key [] *Menu* > *WAP* > *Connect WAP* > Press the Right Option Key [] *Menu* > *Settings*.

- Downloads
- Restart Browser
- Scroll Mode
- Send Referrer
- Key Press Time Out
- Connection Time Out

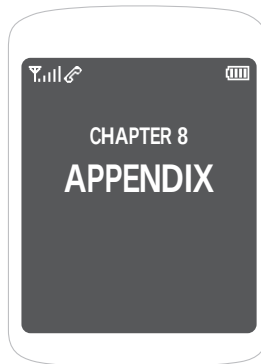
Advanced

1. In standby mode, press the Left Option Key [] *Menu* > *WAP* > *Connect WAP* > Press the Right Option Key [] *Menu* > *Advanced*.

- About
- Encryption

To exit out of the browser and return to idle mode:

1. In standby mode, press the Left Option Key [] *Menu* > *WAP* > *Connect WAP* > Press the Right Option Key [] *Menu* > *Exit*. Or, press the END Key [].



12 Month limited warranty
Safety information for wireless handheld phones
Safety information for FCC RF exposure
SAR information
FDA consumer update
Emergency calls
Compliance with other FCC regulations
General safety
Antenna
Battery
Adapter/Charger
Recycle your cell phone!
Hearing aid compatibility (HAC) for wireless telecommunications devices
U.S.Federal Communications Commission
radio frequency interference statement
FCC compliance information

■ 12 MONTH LIMITED WARRANTY

Personal Communication Device (the Company) warrants to the original retail purchaser of this PCD handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assign-able.

This Warranty does not apply to:

- (a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;
- (b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.
- (c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;

(d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;

(e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;

(f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

When sending your wireless device to Personal Communication Device for repair or service, please note that any personal data or software stored on the device may be inadvertently erased or altered. Therefore, we strongly recommend you make a back up copy of all data and software contained on your device before submitting it for repair or service. This includes all contact lists, downloads (i.e. third-party software applications, ringtones, games and graphics) and any other data added to your device. In addition, if your wireless device utilizes a SIM or Multimedia card, please remove the card before submitting the device and store for later use when your device is returned, Personal Communication Device is not responsible for and does not guarantee restoration of any third-party software, personal information or memory data contained in, stored on, or integrated with any wire-less device, whether under warranty or not, returned to Personal Communication Device for repair or service.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 416-695-3060).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE.

IN NO CASE SHALL THE COMPANY BE LIABLE FOR AN SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER.

THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

IN USA: PCD Personal Communications
555 Wireless Blvd.
Hauppauge, NY 11788
(800) 229-1235

IN CANADA: PCD Canada Company
5535 Eglinton Avenue West
Suite# 234 Toronto, ON M9C 5K5 (800) 465-9672

■ SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld Portable Cellular Telephone

Driving safety

Talking on the phone while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations

on the use of phones in the areas where you drive. Always obey them. If you must use your phone while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation and/or one-touch, speed dialing, and auto answer modes.
- Pull off the road and park before making or answering a call.

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

WARNING!:

Failure to follow these instructions could lead to serious personal injury and possible property damage.

Electronic devices

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Therefore, use of your phone must be restricted in certain situations.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Never come closer than six (6) inches to a person with a heart pacemaker implant when using your phone. Doing so could result in interference with the function of the pacemaker.

Persons with pacemakers :

- ALWAYS keep the phone more than six inches from your pacemaker when the phone is turned on.
- Do not carry the phone in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

Other medical devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Hospitals and health care facilities

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so.

Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Turn your phone OFF where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft.

Always request and obtain prior consent and approval of an authorized airline representative before using your phone aboard an aircraft. Always follow the instructions of the airline representative whenever using your phone aboard an aircraft, to prevent any possible interference with airborne electronic equipment.

Blasting areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted "Turn off two-way radio". Obey all signs and instructions.

Potentially explosive atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle's engine.

■ SAFETY INFORMATION FOR FCC RF EXPOSURE

WARNING! Read this Information before Using

Cautions

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Body-Worn operation

This device was tested for typical body-worn operations with the back of the phone kept 2.2 cm. from the body with a beltclip that contains metallic components. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories with which this device was tested.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov.

■ SAR INFORMATION

This model phone meets the government's requirements for exposure to radiowaves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at the ear is 1.19 W/kg PCS Head SAR and when worn on the body, as described in this user guide, is 0.694 W/kg PCS Body SAR. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements).

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on PP4ELVIS.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at <http://www.ctia.org/>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

■ FDA CONSUMER UPDATE

U.S. Food and Drug Administration Cell Phone Facts Consumer Information on Wireless Phones

1. What kinds of phones are the subject of this update?

The term "wireless phone" refers here to handheld wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

2. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the standby mode. Whereas high levels of RF

can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

3. What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health. FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:
- National Institute for Occupational Safety and Health
 - Environmental Protection Agency
 - Federal Communications Commission
 - Occupational Safety and Health Administration
 - National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC).

All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure.

FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations

are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animal.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years.

However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies

is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

6. What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products--and at this point we do not know that there is--it is probably very small.

But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

8. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source

will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

9. Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head by believing that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone.

The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated

claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

10. What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Updated July 29, 2003

For more information, please visit the FDA website at <http://www.fda.gov/cellphones>.

■ EMERGENCY CALLS

Never rely solely upon your wireless phone for essential communications (e.g., medical emergencies), if it can be avoided, since a wireless phone requires a complex combination of radio signals, relay stations and landline networks for its operation. Consequently, emergency calls may not always be possible under all conditions on all wireless phone systems. Your wireless phone, however, may sometimes be the only available means of communication at the scene of an accident. When making an emergency call, always give the recipient all necessary information as accurately as possible. Never terminate an emergency call until you have received clearance to do so.

FCC ENHANCED 911 (E911) RULES

Background

The Federal Communications Commission (FCC) requires wireless carriers to transmit specific latitude and longitude location (Automatic Location Identification = ALI) information as well as "911" calls to Public Safety Answering Points (PSAPs) to identify the location of the caller in case of emergency.

Generally, the rules require that carriers identify an E911 caller's location within 50 meters of the actual location for 67 percent of calls and within 150 meters of the actual location for 95 percent of calls.

PCD TXT8010 ALI Capability.

The PCD TXT8010 is an ALI-capable phone equipped with a GPS (Global Positioning System) receiver supporting a satellite-based GPS ALI-capable network to comply with the FCC's ALI requirements.

The network compliance with the above FCC requirements is dependent on: (a) the use of digital technology by the wireless network; (b) GPS satellite signals being able to reach the phone (such transmissions do not always work indoors, for example) ; and (c) phone signals reaching wireless "base stations" (atmospheric and environmental conditions may cause variations in phone receiving signal strength).

Also the transmission of the ALI information is subject, in part, to system constraints within the wireless network to which the E911 signal is transmitted and over which PCD has no control.

Finally, customers are advised that the PCD TXT8010 ALI capability is to be used for E911 purposes only.

This feature allows you to place an emergency call even if your phone is in "Phone Lock" or "Restrict" mode when you dial the preprogrammed emergency number, 911, #911, or *911. It also operates in out-of-service areas.

The phone maintains emergency mode until you press after disconnecting an emergency call. In emergency call mode, the phone can receive an incoming call from any available system.

To call "911" in "Phone Lock" or "Restrict" mode.

1. Enter  ,  , 

2. Press the SEND Key []. "911" and "Emergency" will appear on the screen.

■ COMPLIANCE WITH OTHER FCC REGULATIONS

OPERATING PROCEDURES

Never violate any of the following Rules and Regulations of the FCC when using your Cellular Phone. Such violations are punishable by fine, imprisonment or both.

- Never use your Cellular Phone to send false distress calls.
- Never wiretap or otherwise intercept a phone call, unless you have first obtained the consent of the parties participating in the call.
- Never make any anonymous calls to annoy, harass, or molest other people.
- Never charge another account without authorization, to avoid payment for service.
- Never willfully or maliciously interfere with any other radio communications.
- Never refuse to yield the line when informed that it is needed for an Emergency Call. Also, never take over a line by stating falsely that it is needed for an emergency.

■ GENERAL SAFETY

PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on the product, battery and adapter/charger.

Failure to follow the directions below could result in serious bodily injury and/or property damage due to battery liquid leakage, fire or rupture.

- DO NOT use or store this equipment in a place where it will be exposed to high temperatures, such as near an open flame or heat-emitting equipment.
- DO NOT drop your device or subject it to severe shock. When not using, lay down the unit to avoid possible damage due to instability.
- DO NOT expose this equipment to rain or spilled beverages.
- DO NOT use unauthorized accessories.
- DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized UT Starcom cellular service center. If unit is disassembled, the risk of electric shock or fire may result.

■ ANTENNA

ANTENNA SAFETY

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Please contact your local dealer for replacement antenna.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

■ BATTERY

BATTERY SAFETY

Your device uses a removable and rechargeable lithium ion battery. Please contact customer service for assistance should you need a replacement battery.

DOS

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).

- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging. It may take one to four days to completely drain.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local regulations.

DON'Ts

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't expose the battery terminals to any other metal object (e.g., by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens). This can short circuit and critically damage the battery.
- Don't leave the battery in hot or cold temperature. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery into a fire.

Lithium ion batteries are recyclable. When you replace your built-in battery, please request the repair center to recycle the battery in accordance with RBRC standards. When disposing of the battery by yourself, please call RBRC at (800) 822-8837 for proper disposal tips.

Never touch any fluid that might leak from the built-in battery. Such liquid when in contact with the eyes or skin, could cause injury to the skin or eyes. Should the liquid come into contact with the eyes, irrigate the eyes thoroughly with clean water and immediately seek medical attention. In the event the liquid comes into contact with the skin or clothing, wash it away immediately with clean water.

■ ADAPTER/CHARGER

CHARGER

The charger designed by PCD for this unit requires the use of a standard 120 V AC power source for its operation.

- Never attempt to disassemble or repair a charger.
- Never use a charger if it has a damaged or worn power cord or plug. Always contact a PCD authorized service center, if repair or replacement is required.
- Never alter the AC cord or plug on your charger. If the plug will not fit into the available outlet, have a proper outlet installed by a qualified electrician.
- Never allow any liquids or water to spill on the charger when it is connected to an AC power source. Always use the authorized PCD charger to avoid any risk of bodily injury or damage to your cellular phone or battery.

- Never attempt to connect or disconnect the charger with wet hands. Always unplug the charger from the power source before attempting any cleaning. Always use a soft cloth dampened with water to clean the equipment, after it has been unplugged.

Handling the cord on this product or cords associated with accessories sold with this product, will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling. Always disconnect the charger from the power source when it is not in use.

■ RECYCLE YOUR CELL PHONE!

Carriers marketing this cell phone have an in-store phone take-back program. Consumers can drop off their used wireless devices to specified carrier retail outlets for recycling purposes. For a list of carrier members and collection sites, visit the cellular industry's recycling website www.recyclewirelessphones.com.

To mail in your old wireless device to Personal Communication Device for recycling purposes, simply package your old wireless device and any accessories (including discharged batteries) in appropriate shipping materials and mail to:

For Recycling Personal Communication Device LLC 555 Wireless Blvd. Hauppauge, NY 11788 Wireless phones also can be donated to the Wireless Foundation's DONATE A PHONE® CALL TO PROTECT® campaign. This charitable cause collects wireless phones to benefit victims of domestic violence.

All donated phones are tax deductible. You may mail the phone to:

CALL TO PROTECT2555 Bishop Circle WestDexter, MI 48130 -ORDrop the phone off at a local collection center. For a list of collection centers, visit www.wirelessfoundation.org/CalltoProtect/dropoff.cfm

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■ HEARING AID COMPATIBILITY (HAC) FOR WIRELESS TELECOMMUNICATIONS DEVICES

PCD'S COMMITMENT

PCD believes that all of our customers should be able to enjoy the benefits of digital wireless technologies. We are committed to providing a selection of compatible devices for our customers who wear hearing aids.

THIS PHONE HAS A HAC RATING OF M4

WHAT IS HEARING AID COMPATIBILITY

The Federal Communications Commission has implemented rules and a rating system designed to enable people who wear hearing aids to more effectively use these wireless telecommunications devices. The standard for compatibility of digital wireless phones with hearing aids is set forth in American National Standard Institute (ANSI) standard C63.19. There are two sets of ANSI standards with ratings from one to four (four being the best rating): an "M" rating for reduced interference making it easier to hear conversations on the phone when using the hearing aid microphone, and a "T" rating that enables the phone to be used with hearing aids operating in the telecoil mode thus reducing unwanted background noise.

HOW WILL I KNOW WHICH WIRELESS PHONES ARE HEARING AID COMPATIBLE?

The Hearing Aid Compatibility rating is displayed on the wireless phone box.



A phone is considered Hearing Aid Compatible for acoustic coupling (microphone mode) if it has an "M3" or "M4" rating. A digital wireless phone is considered Hearing Aid Compatible for inductive coupling (telecoil mode) if it has a "T3" or "T4" rating.

HOW WILL I KNOW IF MY HEARING AID WILL WORK WITH A PARTICULAR DIGITAL WIRELESS PHONE?

You'll want to try a number of wireless phones so that you can decide which works the best with your hearing aids.

You may also want to talk with your hearing aid professional about the extent to which your hearing aids are immune to interference, if they have wireless phone shielding, and whether your hearing aid has a HAC rating.

FOR MORE INFORMATION ABOUT HEARING AIDS AND DIGITAL WIRELESS PHONES

- FCC Hearing Aid Compatibility and Volume Control – <http://www.fcc.gov/cgb/dro/hearing.html>
- Hearing Loss Association of America – <http://www.hearingloss.org/learn/cellphonetech.asp>
- CTIA – <http://www.accesswireless.org/hearingaid/>
- Gallaudet University, RERC – <http://tap.gallaudet.edu/voice>

U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

INFORMATION TO THE USER

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful Interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if Not installed and used in accordance with the instructions, may cause harmful Interference to radio communications. However, there is no guarantee that interference will not occur in a particular Installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

Changes or modification not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.

FCC COMPLIANCE INFORMATION

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received. Including interference that may cause undesired operation.